843 Response to Request for Quotation

Functional Group ID=RR

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to Request for Quotation Transaction Set (843) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

1. Provide all mandatory and required segments, data elements, and codes for an offeror to adequately prepare a proposal, quote, or bid. As a general rule, provide any information when it differs from the originating Request for Quotation.

2. This implementation convention can be used to provide a quote in response to an Request for Quote (RFQ), a bid in response to an Invitation for Bid (IFB), a proposal in response to a Request for Proposal (RFP) or a Broad Agency Announcement, or information in response to a Request for Information (RFI). For simplicity, the term quote will be used in this convention for all the above.

3. When BQR01 is code 02, 03, or 04, use only those segments and data elements that are mandatory or necessary to add, delete, or change data in the quote. Transmit the segment(s) or loop(s) containing the added, deleted or changed data in their entirety.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	ST	Transaction Set Header	M	1		
	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
N/U	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
N/U	060	PER	Administrative Communications Contact	O	3		
N/U	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
N/U	090	CTP	Pricing Information	O	>1		
	095	PAM	Period Amount	O	10		
N/U	110	CSH	Header Sale Condition	O	25		
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	160	LDT	Lead Time	O	12		
N/U	180	LIN	Item Identification	O	5		n1
N/U	190	PID	Product/Item Description	O	200		
	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	25		
N/U	230	TD1	Carrier Details (Quantity and Weight)	O	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
N/U	250	TD3	Carrier Details (Equipment)	O	12		
	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
N/U	270	MAN	Marks and Numbers	O	10		
N/U	280	CTB	Restrictions/ Conditions	O	5		
N/U	285	CPR	Commodity Price Reference	O	2		
			LOOP ID - N9			1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			10000	
	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	1		
	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	>1		
N/U	370	FOB	F.O.B. Related Instructions	O	1		
N/U	380	TD1	Carrier Details (Quantity and Weight)	O	2		
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
N/U	400	TD3	Carrier Details (Equipment)	O	12		
	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
	420	PKG	Marking, Packaging, Loading	O	25		
N/U	430	MSG	Message Text	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Baseline Item Data	O	1		
N/U	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
	040	CTP	Pricing Information	O	>1		
N/U	045	PAM	Period Amount	O	10		
	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
N/U	060	MEA	Measurements	O	10		

	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Numbers	O	>1		
N/U	110	PER	Administrative Communications Contact	O	3		
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
N/U	140	IT8	Conditions of Sale	O	25		
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
	160	DIS	Discount Detail	O	20		
N/U	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	O	>1		
N/U	190	SDQ	Destination Quantity	O	50		
	200	DTM	Date/Time Reference	O	10		
N/U	230	FST	Forecast Schedule	O	5		
N/U	240	TD1	Carrier Details (Quantity and Weight)	O	1		
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
N/U	260	TD3	Carrier Details (Equipment)	O	12		
	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
N/U	280	MAN	Marks and Numbers	O	10		
	289	MSG	Message Text	O	>1		
N/U	290	CTB	Restrictions/ Conditions	O	5		
	291	SPI	Specification Identifier	O	>1		
			LOOP ID - SCH			104	
	292	SCH	Line Item Schedule	O	1		n2
N/U	293	TD1	Carrier Details (Quantity and Weight)	O	1		
N/U	294	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
N/U	296	TD3	Carrier Details (Equipment)	O	12		
N/U	298	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
			LOOP ID - CST			100	
N/U	300	CST	Cost Analysis	O	1		
N/U	310	PID	Product/Item Description	O	1		
N/U	320	CUR	Currency	O	1		
N/U	330	DTM	Date/Time Reference	O	2		
			LOOP ID - SLN			1000	
N/U	340	SLN	Subline Item Detail	O	1		
N/U	350	PID	Product/Item Description	O	1000		
			LOOP ID - CST			100	
N/U	360	CST	Cost Analysis	O	1		
N/U	370	PID	Product/Item Description	O	1		
N/U	380	CUR	Currency	O	1		
N/U	390	DTM	Date/Time Reference	O	2		
			LOOP ID - PD			>1	

	392	PD	Pricing Data	O	1	
	393	PDD	Pricing Data Detail	O	>1	
			LOOP ID - LDT			>1
	394	LDT	Lead Time	O	1	
	395	QTY	Quantity	O	>1	
	396	MSG	Message Text	O	1	
			LOOP ID - LM			>1
	397	LM	Code Source Information	O	1	
	398	LQ	Industry Code	M	>1	
			LOOP ID - N9			1000
	400	N9	Reference Number	O	1	
	410	MSG	Message Text	O	1000	
			LOOP ID - N1			>1
	420	N1	Name	O	1	
	430	N2	Additional Name Information	O	2	
	440	N3	Address Information	O	2	
	450	N4	Geographic Location	O	1	
N/U	460	REF	Reference Numbers	O	12	
	470	PER	Administrative Communications Contact	O	3	
N/U	480	FOB	F.O.B. Related Instructions	O	1	
	485	SCH	Line Item Schedule	O	200	
N/U	490	TD1	Carrier Details (Quantity and Weight)	O	2	
	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
N/U	510	TD3	Carrier Details (Equipment)	O	12	
	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	530	PKG	Marking, Packaging, Loading	O	25	
			LOOP ID - LDT			>1
	550	LDT	Lead Time	O	1	
	560	MAN	Marks and Numbers	O	10	
	570	QTY	Quantity	O	5	
	580	MSG	Message Text	O	1	

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	CTT	Transaction Totals	M	1		n3
015	AMT	Monetary Amount	O	1		
020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of

measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3.   Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
Comments:		
Notes:	*This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use ST01	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
		Code uniquely identifying a Transaction Set	
		843 X12.8 Response to Request for Quotation	
Must Use ST02	**329**	**Transaction Set Control Number**	**M AN 4/9**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:	**BQR** Beginning Segment for Response to Request for Quotation
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
Syntax Notes:	1 If either BQR04 or BQR05 is present, then the other is required.
Semantic Notes:	1 BQR03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
Comments:	
Notes:	*Use to identify the purpose of the transaction set.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BQR01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

Use to identify the purpose of transaction set.

    00   Original

For the first submission of a quote, use code 00. For successive submissions of a quote for the same solicitation, DO NOT USE code 00, use either code 02, 03, 04, or 07.

    01   Cancellation

Use to indicate a cancellation of a previously submitted quote.

    02   Add

Use to indicate an amended quote that is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be added in their entirety.

    03   Delete

Use to indicate an amended quote that is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be deleted in their entirety.

    04   Change

Use to indicate an amended quote that contains a combination of data additions, deletions or changes to a previously transmitted quote. When used, transmit all segments or loops that contain data

additions, deletions or changes in their entirety. Use this code only when codes 02 and 03 do not apply.

07   Duplicate

Use to indicate that this is a duplicate quote.

Must Use BQR02   586   Request for Quote Reference Number   M   AN   1/45

Number assigned by the purchaser to identify his request for quote

1. Use to identify the solicitation number to which this transaction set is responding. If amendments to the solicitation have been issued, the solicitation number and the last amendment number will be concatenated.

2. Use also to identify the contract number of an undefinitized contract action (UCA) to which this transaction set is responding. If the UCA is a call, release, or delivery order against a basic award instrument (BEG02 is code RL), concatenate the basic award instrument number with the call, release or delivery order number. When BEG02 in the 850 transaction set is code RL, concatenate the basic award instrument number from BEG03 with the call, release or delivery order number from BEG04. In this situation, cite code RE in BQR06.

Must Use BQR03   373   Date   M   DT   6/6

Date (YYMMDD)

Use to indicate the date of a solicitation. If amendments to the solicitation have been issued, cite the date of the last amendment.

Must Use BQR04   374   Date/Time Qualifier   X   ID   3/3

Code specifying type of date or time, or both date and time

098   Bid (Effective)

Use to indicate the date the quote is being submitted.

171   Revision

When BQR01 is either code 02, 03, or 04, use to indicate the date a revised quote is being submitted.

177   Cancellation

When BQR01 is code 01, use to indicate the date a quote is being canceled.

Must Use BQR05   373   Date   X   DT   6/6

Date (YYMMDD)

BQR06   379   Bid Type Response Code   O   ID   2/2

Code indicating the type of response to the request for bid or quote

When BQR06 is code BW, DQ, or UQ, use either the 1/N9/290 or 2/N9/400 loop to explain or specify exceptions to the solicitation.

AB   Alternate Bid

Use to indicate a substitute product is being offered or other variations from the solicited item are being proposed. When this code is used, specific information must be provided in the PO1 loop. If other exceptions are being taken, use code BW.

BF		Best and Final

Use to indicate this quote represents the offeror's Best and Final offer.

BI		Bid Without Exception

When this code is used, only the mandatory segments, required data elements, and segments to provide pricing, cost information, certifications, representations, or fill-in information are necessary.

BW		Bid With Exception (Request for Information)

When possible, exceptions should be provided within the transaction set, e.g., delivery exceptions, packaging exceptions, etc. When not possible, use either the 1/N9/290 or 2/N9/400 loop (using code KT in N901) to provide the exceptions.

DQ		Decline to Quote

Use the 1/N9/290 loop (using code 55 in N901) to explain.

RE		Replacement

Use to indicate a quote in response to an undefinitized action.

RT		Request for Time Extension

Use to indicate the offeror is requesting a time extension to submit the quote. When used to request an extension for all line items, only the mandatory segments and the 1/DTM/150 segment, code 992, need be transmitted. When used to request an extension for individual line items, only the mandatory segments, the applicable 2/PO1/010 segment (PO101 only) and the 2/DTM/200 segment (with DTM01 citing code 992) need be transmitted.

UQ		Unable to Quote

Use the 1/N9/290 loop (using code 55 in N901) to explain.

BQR07	**786**	**Security Level Code**	**O**	**ID**	**2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the highest level of government security classification or commercial protection applicable to the quote. If the quote has both a government security classification and a commercial protection level applicable to the quote, the government security classification takes precedence and shall be cited in this data element. The commercial protection level applicable to specific items within the quote can be identified in the 2/SPI/291 segment.

06		Supplier Proprietary
11		Competition Sensitive
92		Government Confidential

93	Government Secret
94	Government Top Secret

Segment:	**CUR** Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4 If CUR11 is present, then CUR10 is required.
	5 If CUR12 is present, then CUR10 is required.
	6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7 If CUR14 is present, then CUR13 is required.
	8 If CUR15 is present, then CUR13 is required.
	9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10 If CUR17 is present, then CUR16 is required.
	11 If CUR18 is present, then CUR16 is required.
	12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13 If CUR20 is present, then CUR19 is required.
	14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	*1. Use this segment when the quote is in other than U.S. dollars or payment in other than US dollars is being requested. If the quote is in other than U.S. dollars, identify the exchange rate for U.S. dollars applicable to the currency in which the quote is submitted.*
	2. When this segment is used to request payment in other than US dollars, cite code SE in CUR01 and the requested payment currency in CUR05. No exchange rate is required for the payment currency.
	3. When quoting in US dollars but requesting payment in another currency, to comply with the X12 syntax, cite code SE in CUR01, USD in CUR02 and identify the payment currency in CUR05.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	CUR01	98	**Entity Identifier Code**	M	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			SE Selling Party			
Must Use	CUR02	100	**Currency Code**	M	ID	3/3
			Code (Standard ISO) for country in whose currency the charges are specified			

Use to identify the currency in which the quote is being submitted.

CUR03	**280**	**Exchange Rate**	**O**	**R**	**4/6**

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Use to identify the exchange rate for the currency in which the quote is being submitted (when other than US dollars) to US dollars.

CUR04	**98**	**Entity Identifier Code**	**O**	**ID**	**2/2**

Code identifying an organizational entity, a physical location, or an individual

    SE   Selling Party

CUR05	**100**	**Currency Code**	**O**	**ID**	**3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Use to identify the currency in which payment is requested, if other than US dollars.

Segment:	**REF** Reference Numbers
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.*
	2. At least one occurrence of this REF segment with REF01 citing code PR is REQUIRED to provide the quoting party's quotation number.
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use REF01	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

When codes CT or W6 are used, one iteration of the 1/DTM/150 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.

2Y	Wage Determination
	Use to indicate a Department of Labor Wage Determination number.
73	Statement of Work (SOW)
	If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.
97	Package Number
AH	Agreement Number
	Use to indicate a Union Agreement
C7	Contract Line Item Number
CH	Customer catalog number
CR	Customer Reference Number
	Use to indicate the internal number that the quoting party is assigning to identify the buying party.
CT	Contract Number
	Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item

can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.

DG   Drawing Number

If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.

IJ   Standard Industry Classification (SIC) Code

Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.

IX   Item Number

Use to indicate a Federal supply schedule (FSS) special item number.

K6   Purchase Description

LT   Lot Number

LX   Qualified Products List

Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.

NI   Military Standard (MIL-STD) Number

P4   Project Code

Use to indicate the project number applicable to the solicitation.

PR   Price Quote Number

Use to indicate the number the quoting party is assigning to the quote. Use of this code is REQUIRED. Each change to a quote should be assigned a new number or at least have an extension to the original number, e.g., if the original number is 12345, changes can be identified by -1, -2, etc.

QC   Product Specification Document Number

S2   Military Specification Number (MILSPEC)

S3   Specification Number

Use to indicate a specification number other than a MIL-SPEC. When used, identify the specification in REF03.

TN   Transaction Reference Number

Use to indicate the unique reference number for a related transaction set (e.g., an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is

carried in SPI02.

TP	Test Specification Number
VW	Standard

Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.

W6	Federal Supply Schedule Number

Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.

ZZ	Mutually Defined

Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02   **127**   **Reference Number**   **X   AN   1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.

REF03   **352**   **Description**   **X   AN   1/80**

A free-form description to clarify the related data elements and their content

1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:		**FOB** F.O.B. Related Instructions	
Position:	080		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify transportation instructions relating to shipment		
Syntax Notes:	1	If FOB03 is present, then FOB02 is required.	
	2	If FOB04 is present, then FOB05 is required.	
	3	If FOB07 is present, then FOB06 is required.	
	4	If FOB08 is present, then FOB09 is required.	
Semantic Notes:	1	FOB01 indicates which party will pay the carrier.	
	2	FOB02 is the code specifying transportation responsibility location.	
	3	FOB06 is the code specifying the title passage location.	
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.	
Comments:			
Notes:	*1. Use this 1/FOB/080 segment if the FOB point and acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.*		
	2. This segment is not used when the quote is for construction or a service without deliverables.		
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID	2/2

Code identifying payment terms for transportation charges

BP   Paid by Buyer

Use to indicate a Government Bill of Lading (GBL) will be issued.

PE   Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP   Prepaid (by Seller)

Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.

			PS	Paid by Seller			

Use to indicate transportation charges are included in the unit price.

FOB02	**309**	**Location Qualifier**	**X**	**ID**	**1/2**

Code identifying type of location

Use to identify the FOB point.

	DE	Destination (Shipping)
	FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
	IT	Intermediate FOB Point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.

	OR	Origin (Shipping Point)
	ZZ	Mutually Defined

Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

FOB06	**309**	**Location Qualifier**	**X**	**ID**	**1/2**

Code identifying type of location

Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 1/N1/310 loop is Code L1.

	DE	Destination (Shipping)
	OR	Origin (Shipping Point)
	ZZ	Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.

Segment:	**PAM** Period Amount	
Position:	095	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To indicate a quantity, and/or amount for an identified period	
Syntax Notes:	1	If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2	At least one of PAM02 or PAM05 is required.
	3	If either PAM04 or PAM05 is present, then the other is required.
	4	If either PAM06 or PAM07 is present, then the other is required.
	5	If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	6	If PAM08 is present, then PAM07 is required.
	7	If PAM09 is present, then PAM07 is required.
	8	If PAM10 is present, then at least one of PAM11 or PAM12 is required.
	9	If PAM11 is present, then PAM10 is required.
	10	If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	1	PAM10, PAM11, or PAM12 are used when two dates are required.
Comments:		
Notes:	*Use this segment to identify the amount of a bid guarantee that is being submitted as part of the quote. Specify in the PWK segment how the bid guarantee is being provided.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PAM04	**522**	**Amount Qualifier Code**	X	ID	1/2
		Code to qualify amount			
		B0　　　　　Bond			
		Use to indicate a bid guarantee.			
PAM05	**782**	**Monetary Amount**	X	R	1/15
		Monetary amount			

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	120	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *Use this 1/SAC/120 segment to identify prices and, if applicable, quantities, for services or non-CLIN charges identified in the solicitation that apply to all of the line items. If the price for the services or non-CLIN charges vary by line item, use the 2/SAC/130 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

	C	Charge
	N	No Allowance or Charge

Use to indicate there is no charge for the service specified SAC02.

SAC02   **1300**   **Service, Promotion, Allowance, or Charge Code**   **X**   **ID**   **4/4**

Code identifying the service, promotion, allowance, or charge

1. Any code may be used but the listed codes are preferred.

2. As a minimum, the codes listed in the solicitation must be used to identify whether or not there is a charge.

B180 Cleaning Charge
B610 Container Service Charge USA/Canada
Use to indicate a reusable container.

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a charge for a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a charge for the preparation of a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge
H850 Tax

Use to indicate total taxes applicable to the total quote amount that are included in the unit prices.

H990 Testing Services Charge
I260 Transportation Direct Billing
Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.

I380 Unloading (Labor Charges)
I590 Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

SAC05	**610**	**Amount**	**O**	**N2**	**1/15**

Monetary amount

SAC06	**378**	**Allowance/ Charge Percent Qualifier**	**X**	**ID**	**1/1**

Code indicating on what basis allowance or charge percent is calculated

1. Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

SAC07	**332**	**Percent**	**X**	**R**	**1/6**

Percent expressed as a percent

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

SAC08	**118**	**Rate**	**O**	**R**	**1/9**

Rate expressed in the standard monetary denomination for the currency specified

SAC09	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

SAC10	**380**	**Quantity**	**X**	**R**	**1/15**

Numeric value of quantity

If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

SAC11	**380**	**Quantity**	**O**	**R**	**1/15**

Numeric value of quantity

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:		*1. Use this segment to identify a discount applicable to the entire quote.*
		2. The Prompt Payment Act specifies payment terms as Net 30 unless an appropriate discount is applicable. Contractors do not need to cite net payment terms.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ITD03	338	**Terms Discount Percent**	O	R	1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date			
		Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).			
ITD05	351	**Terms Discount Days Due**	X	N0	1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned			

Segment: **DIS** **Discount Detail**

Position:	140
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	20
Purpose:	To specify the exact type and terms of various discount information
Syntax Notes:	
Semantic Notes:	1 DIS05 is the minimum for application of the discount.
	2 DIS06 is the maximum for application of the discount.
Comments:	
Notes:	*1. Use this 1/DIS/140 segment to identify volume discounts that apply to all of the line items or the entire order that are based on the dollar value purchased. Use the 2/DIS/160 segment if the discount varies by line item.*
	2. Use the 1/N9/290 segment, with N901 citing code L1, and the 1/MSG/300 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order..

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	DIS01	653	**Discount Terms Type Code**	M	ID	3/3
			Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Must Use	DIS02	654	**Discount Base Qualifier**	M	ID	2/2
			Code to define unit of discount, i.e., dollars, cases, alternate products, etc.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Must Use	DIS03	655	**Discount Base Value**	M	R	1/10
			A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount			
Must Use	DIS04	656	**Discount Control Limit Qualifier**	M	ID	2/3
			Code to define the units of the limits for determining discount			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Must Use	DIS05	657	**Discount Control Limit**	M	N0	1/10
			Amount or time associated with application of the discount			
	DIS06	657	**Discount Control Limit**	O	N0	1/10
			Amount or time associated with application of the discount			

Segment:	**DTM** Date/Time Reference
Position:	150
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/DTM/150 segment to identify dates that apply to the entire quote or all of the line items. When the dates vary by line item, use the 2/DTM/200 segment.*

2. This segment can be used to quote a delivery date when it is specified as an actual date. If the delivery schedule is quoted as a set time period after the occurrence of some event, use the 1/LDT/160 segment.

3. This segment can also be used to request an extension of the quote submission date, to extend the quote expiration date, to provide the date of a FSS or other contract, or to specify the midpoint of the proposed effort.

4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

017	Estimated Delivery
036	Expiration

Use to indicate the expiration date of a Federal Supply Schedule or contract. This relates to information provided in the 1/REF/050 segment specifically for codes CT, and W6.

037	Ship Not Before
063	Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

065	1st Schedule Delivery
066	1st Schedule Ship
069	Promised for Delivery

*Use to indicate the exact date when the offeror
proposes to make delivery.*

075   Promised for Delivery (Prior to and Including)

*Use to indicate the date on or before which the
offeror proposes to make delivery.*

078   Promised for Delivery (Week of)

*When this code is used, cite the beginning date of
the week.*

174   Month Ending

*Use to indicate delivery is required on the last date
of the specified month.*

193   Period Start

Use to indicate the performance period start date.

194   Period End

Use to indicate the performance period end date.

227   Lease Term Start

228   Lease Term End

276   Contract Start

*Use to indicate the commencement date of an
Agreement or an IDC award instrument.*

279   Contract Completion

*Use to indicate the completion date of an Agreement
or an IDC award instrument.*

368   Submittal

*When REF01 is code TN, use to indicate the date of
a related transaction set.*

375   Delivery Start

*Use to indicate the start date for deliveries when the
total quantity is to be delivered during a specified
time period.*

376   Delivery End

*Use to indicate the end date for deliveries when the
total quantity is to be delivered during a specified
time period.*

800   Midpoint of Performance

*Use to indicate the date when half the effort in terms
of dollars or hours will be completed.*

937   Department of Labor Wage Determination Date

*Use to indicate the date of a Department of Labor
Wage Determination.*

992   Date Requested

*When BQR06 is code RT, use to indicate the
extension date requested for a quote submission*

| **DTM02** | **373** | **Date** | | **X** | **DT** | **6/6** |

Date (YYMMDD)

| **DTM03** | **337** | **Time** | | **X** | **TM** | **4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to indicate the time for a delivery.

| **DTM04** | **623** | **Time Code** | | **O** | **ID** | **2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Specify the time only in the HHMM format.

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time
MT	Mountain Time
PT	Pacific Time

| **DTM05** | **624** | **Century** | | **O** | **N0** | **2/2** |

The first two characters in the designation of the year (CCYY)

| **DTM06** | **1250** | **Date Time Period Format Qualifier** | | **X** | **ID** | **2/3** |

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.

Refer to 003050 Data Element Dictionary for acceptable code values.

| **DTM07** | **1251** | **Date Time Period** | | **X** | **AN** | **1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995 date.

Segment:	**LDT** Lead Time
Position:	160
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	**1** LDT04 is the effective date of lead time information.
Comments:	**1** LDT02 is the quantity of unit of time periods.
Notes:	*1. Use this 1/LDT/160 segment when the quote delivery schedule applies to all of the line items and there will be only one delivery of the total quantity. If the quote delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/394 loop. If the quote delivery schedule differs by ship-to addressee, use the 2/LDT/550 loop.*

2. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.

3. This segment can also be used to indicate the length of the quote acceptance period allowed by the offeror or to specify when the midpoint of the proposed effort will be reached.

4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
Must Use LDT01	345	Lead Time Code	M	ID	2/2

Code indicating the time range

AA	From date of PO receipt to sample ready.
AD	From date of sample approval to first product shipment.
AE	From date of PO receipt to shipment.
AF	From date of PO receipt to delivery.
AP	From Date of Award to Midpoint of Effort
AT	From Bid Opening to Expiration of Bid
	Use to indicate the bid acceptance period allowed by the offeror with the bid opening date as the basis.
AU	From Required-By Date to Expiration Date
	Use to indicate the bid acceptance period allowed by the offeror with the bid due date as the basis.
AV	From Date of Award to Date of Latest Delivery
AW	From Date of Award to Date of Earliest Delivery

			AX	From Date of Award to Date of Completion			

Use to indicate the completion date, e.g., for a level of effort.

			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			

Must Use	LDT02	380	**Quantity**		**M**	**R**	**1/15**

Numeric value of quantity

Must Use	LDT03	344	**Unit of Time Period or Interval**		**M**	**ID**	**2/2**

Code indicating the time period or interval

			CY	Calendar Year
			DA	Calendar Days
			KK	Maximum Calendar Days

Use to indicate a flexible time period, e.g., X number of days or less.

			MO	Month
			QY	Quarter of a Year
			SA	Semiannual
			WK	Weeks

	LDT04	373	**Date**		**O**	**DT**	**6/6**

Date (YYMMDD)

Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

Segment:	**MEA** Measurements
Position:	200
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes:		
	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.

Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If the information varies by line item, use the 2/MEA/049 segment.*

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies

Use any code.

BT Batch Limits
Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CT Counts
Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects
Use to indicate a warranty period.

LT Lot Limits
Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits
Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted
Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	**738**	**Measurement Qualifier**	**O**	**ID**	**1/3**

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

MX Maximum
When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

PO Percent of Order (-, +)
Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio
Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.

TT Time
Use to indicate the length of a warranty period. Specify the number of days, weeks, months or years in MEA03 and the time period in MEA04 -C00101.

Refer to 003050 Data Element Dictionary for acceptable code values.

	MEA03	**739**	**Measurement Value**	**X**	**R**	**1/20**

The value of the measurement

	MEA04	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04- C00104 would cite code Q1.

Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

	C00104	**355**	**Unit or Basis for Measurement Code**	**O ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA05	**740**	**Range Minimum**	**X**	**R**	**1/20**

The value specifying the minimum of the measurement range

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA02 is RY, use to specify the proposed Government share.

3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

MEA06	**741**	**Range Maximum**	**X**	**R**	**1/20**

The value specifying the maximum of the measurement range

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.

2. When MEA02 is RY, use to specify the proposed contractor share.

3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Segment:	**PWK** Paperwork	
Position:	210	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To identify the type and transmission of paperwork or supporting information	
Syntax Notes:	1	If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:		
Comments:	1	PWK05 and PWK06 may be used to identify the addressee by a code number.
	2	PWK07 may be used to indicate special information to be shown on the specified report.
	3	PWK08 may be used to indicate action pertaining to a report.
Notes:		*1. Use this 1/PWK/210 segment, when needed, to indicate either paperwork required in the Request for Quote (PWK segment in the 840), or other paperwork applicable to the quote is being provided by means other than within this transaction set. If there is paperwork applicable to a specific line item, use the 2/PWK/070 segment.*
		2. Use this segment to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use PWK01	755	**Report Type Code**	M	ID	2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork the offeror is providing.

25	Purchase Plan

Use to indicate a make or buy plan.

35	Subcontractor Plan
AE	Attachment

Use to indicate some additional type document is being provided by means other than within the transaction set. Specify the nature of the document in PWK07.

C1	Cost Data Summary

Use to indicate non-certified cost and price data.

C5	Certified Cost and Price Data
C6	Wage Determination

Use to indicate a Department of Labor Wage Determination.

DW	Drawing(s)
IT	Certified Inspection and Test Results

Use to indicate test results for a QBL, QML, or QPL item.

MS		Material Safety Data Sheet
PJ		Purchasing Specification

Use to indicate a statement of work.

PM		Proof of Insurance
SD		Support Data for a Request for Quote

Use to indicate that supporting technical documentation, e.g., technical proposal, etc. are being provided. Use of this code is required when BQR06 is code AB.

TJ		Asset Status Advice

Use to indicate a construction bid bond.

UA		Union Agreement
US		"BUY AMERICA" Certification of Compliance

PWK02   **756**   **Report Transmission Code**   O   ID   1/2

Code defining timing, transmission method or format by which reports are to be sent

BE		By Mail and Electronically

Use to indicate E-Mail.

BM		By Mail
CF		Courier
EL		Electronically Only

Use to indicate Electronic Data Interchange (EDI).

FX		By Fax

PWK04   **98**   **Entity Identifier Code**   O   ID   2/2

Code identifying an organizational entity, a physical location, or an individual

Use to identify the party to whom the paperwork identified in PWK01 was sent. If there is more than one recipient of the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the recipient communication number in the 1/PER/260 segment.

7N		Party to Receive Proposal
BY		Buying Party (Purchaser)

Use to indicate the contracting officer.

IS		Party to Receive Certified Inspection Report

Use when PWK01 is code IT.

KF		Audit Office
KG		Project Manager

Use to indicate the party responsible for a project to include the Advisor under a Grant.

KY		Technical Office

PWK07   **352**   **Description**   O   AN   1/80

A free-form description to clarify the related data elements and their

content

1. Use, only if necessary, to identify additional information related to a specific paperwork item.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	PWK08	**C002**	**Actions Indicated**	**O**		

Actions to be performed on the piece of paperwork identified

Must Use	**C00201**	**704**	**Paperwork/Report Action Code**	**M**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

PV   Provided

Use to indicate the specified paperwork will be or is being provided by the offeror.

Segment:	**PKG** Marking, Packaging, Loading	
Position:	220	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To describe marking, packaging, loading, and unloading requirements	
Syntax Notes:	1	At least one of PKG04 PKG05 or PKG06 is required.
	2	If PKG04 is present, then PKG03 is required.
	3	If PKG05 is present, then PKG01 is required.
Semantic Notes:	1	PKG04 should be used for industry-specific packaging description codes.
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2	If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.
	4	Special marking or tagging data can be given in PKG05 (description).
Notes:	*1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/530 segment if the packaging requirements are applicable to a named entity.*	

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	**349**	**Item Description Type**	X	ID	1/1
		Code indicating the format of a description			
		F Free-form			
		S Structured (From Industry Code List)			
		X Semi-structured (Code and Text)			
PKG02	**753**	**Packaging Characteristic Code**	O	ID	1/5
		Code specifying the marking, packaging, loading and related characteristics being described			
		Use the listed codes to identify applicable packaging requirements.			
		CD Cleaning or Drying Procedure			
		CT Cushioning Thickness			

CUD	Cushioning and Dunnage
HM	Hazardous Material
IC	Intermediate Container
LP	Level Of Preservation
OPI	Optional Procedure Indicator
PK	Packing

When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

PKG03   559   Agency Qualifier Code   X   ID   2/2

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   754   Packaging Description Code   X   AN   1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).

PKG05   352   Description   X   AN   1/80

A free-form description to clarify the related data elements and their content

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided

by some other means within the transaction set.

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2 If TD502 is present, then TD503 is required.
	3 If TD507 is present, then TD508 is required.
	4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*1. Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 or the 2/TD5/500 segment when the transportation method is applicable to a named entity.*
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD504	**91**	**Transportation Method/Type Code**	X	ID	1/2

Code specifying the method or type of transportation for the shipment

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

D Parcel Post
Use to indicate the US Postal Service and not a private carrier.
Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD512	**284**	**Service Level Code**	X	ID	2/2

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)	
Position:	260	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both	
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.	
	2 If TD402 is present, then TD403 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use this 1/TD4/260 segment to provide special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/520 if the information is applicable to a named entity.*	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	**152**	**Special Handling Code**	X	ID	2/3

Code specifying special transportation handling instructions

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA Dangerous
EX Explosive Flammable Gas
FG Flammable Gas
FL Flammable
FP Flammable Poison Gas
HM Endorsed as Hazardous Material
LT Less Than Full Carload
LTT Less Than Truckload
PG Poisonous Gas
PMM P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

TD402	**208**	**Hazardous Material Code Qualifier**	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	**209**	**Hazardous Material Class Code**	X	AN	2/4

Code specifying the kind of hazard for a material

| **TD404** | **352** | **Description** | **X** | **AN** | **1/80** |

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**N9** Reference Number
Position:	290
Loop:	N9
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
Comments:	

Notes: *1. Use this 1/N9/290 loop to provide required information that is applicable to the entire quote. To provide information applicable to a line item, use the 2/N9/400 loop.*

2. Use this loop to provide certifications, representations and fill-in information, as required in the solicitation (RRA segment) 840 transaction set, that is not provided elsewhere in the transaction set; to provide explanations when BQR06 is either code DQ or UQ; or to specify exceptions (BQR06 is code BW) being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set.

3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.

4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.

5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use N901	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

55   Sequence Number

When BQR06 is code DQ or UQ, use to indicate an explanation is being provided in the following MSG segment. Insert the word "Explanation" in N903 when using this code.

BB   Authorization Number

Use to indicate the Code of Federal Regulations.

CJ   Clause Number

Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.). Identify the purchasing activity issuing the clause in

N903.

DF   Defense Federal Acquisition Regulations (DFAR)

DX   Department/Agency Number

Use to indicate an Agency Clause and identify the agency in N903.

EC   Circular

Use to indicate an Office of Management and Budget (OMB) Circular number.

FA   Federal Acquisition Regulations (FAR)

H4   Federal Information Resources Management Regulation

KR   Response to a Request for Quotation Reference

Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.

KT   Request for Quotation Reference

When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.

KW   Certification

Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.

KX   Representation

Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.

KY   Site Specific Procedures, Terms, and Conditions

KZ   Master Solicitation Procedures, Terms, and Conditions

Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.

L1   Letters or Notes

Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.

ZZ   Mutually Defined

Use to indicate that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in N903.

N902   127   Reference Number   X   AN   1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

N903	**369**	**Free-form Description**	**X**	**AN**	**1/45**

Free-form descriptive text

1. When N901 is code 55, cite the word "Explanation"; when N901 is code KT, cite the word "Exception; when N901 is code L1, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when N901 is code CJ, or DX, identify the purchasing activity or agency issuing the clause cited in N902.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

N904	**373**	**Date**	**O**	**DT**	**6/6**

Date (YYMMDD)

Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.

Segment:	**MSG** Message Text
Position:	300
Loop:	N9
Level:	Heading
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	**1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*1. Use this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code 55 to provide an explanation for not providing a quote; when N901 is code KT, to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing contracts.*

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.

3. A pipe sign (/) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:

Taxpayer Identification/ 3/ (c) TIN has been applied for/ (d) Other corporate entity/ (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause/

Information required by DFARS 252.211-7012 would be provided as follows:

Certifications--Commercial Items--Competitive Acquisitions/ 2/(c)(1) Items offered are commercial items as defined in (b)(1)(iv)/ (c2)(ii) Will be produced using government production and research property identified below/ Milling Machine/ N0001992C1234/ Naval Air Systems Command/

In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.

4. Use this segment to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	

Segment:	**N1** Name	
Position:	310	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:		*1. Use this 1/N1/310 loop to identify entities or locations that apply to all of the line items. If information varies by line item, use the 2/N1/420 loop.*

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.

3. At least 2 repetitions of this are required using codes BY and SE in N101.

4. Use this segment to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID**	**2/2**

Code identifying an organizational entity, a physical location, or an individual

> 28   Subcontractor
>
> *Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of a subcontractor.*

> 31   Postal Mailing Address
>
> *Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party on N102 and the N2 segment, if necessary.*

> 61   Performed At
>
> *Use to indicate the proposed place of performance when it is other than the offeror's mailing address.*

7N	Party to Receive Proposal
AE	Additional Delivery Address

Use to indicate a ship in-place location.

AG	Agent/Agency

Use this code to indicate the entity is responding on behalf of a company named in a previous iteration of the N1 loop.

BY	Buying Party (Purchaser)
IC	Intermediate Consignee

When FOB02 is code IT, use to indicate a freight forwarder.

IS	Party to Receive Certified Inspection Report
K1	Contractor Cognizant Security Office

Use this code only if the solicitation included the Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the contractor cognizant security office.

K2	Subcontractor Cognizant Security Office

Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the subcontractor cognizant security office.

K3	Place of Performance Cognizant Security Office

Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the place of performance cognizant security office.

KF	Audit Office
KG	Project Manager

Use to indicate the party responsible for a project to include the advisor under a Grant.

KX	Free on Board Point

When FOB02 is code ZZ, use to indicate an FOB point other than at origin or destination.

KY	Technical Office

Use to indicate the technical office that has cognizance over the technical portion of a solicitation if it is intended for bidders to deal directly with this entity.

KZ	Acceptance Location

Use to indicate the acceptance location is proposed at other than origin or destination.

		L1	Inspection Location			
		PW	Pick Up Address			
		RI	Remit To			

Use to indicate the place to send remittance when it is different than the contractor's address, e.g., a bank, financial office location, etc.

		SE	Selling Party			
		ST	Ship To			

Use this code when a different delivery schedule associated with a named entity is being proposed. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N104 and cite code AR in N405.

		SV	Service Performance Site

Use to indicate the location where a service will be performed, e.g., grass cutting.

		TQ	Third Party Reviewing Organization (TPO)

Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.

		X2	Party to Perform Packaging			
N102	**93**	**Name**		**X**	**AN**	**1/35**

Free-form name

N103	**66**	**Identification Code Qualifier**		**X**	**ID**	**1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

		1	D-U-N-S Number, Dun & Bradstreet

Use of the DUNS number is preferred over other codes to identify an entity. Use of this code is required when N101 is code SE.

		10	Department of Defense Activity Address Code (DODAAC)

Use to indicate a DoD or Civilian Agency Activity Address Code.

		33	Commercial and Government Entity (CAGE)

Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.

		A2	Military Assistance Program Address Code (MAPAC)
N104	**67**	**Identification Code**		**X**	**AN**	**2/20**

Code identifying a party or other code

Segment:	**N2** **Additional Name Information**
Position:	320
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	N201	93	Name	M	AN	1/35
			Free-form name			
	N202	93	Name	O	AN	1/35
			Free-form name			

	Segment:	**N3** Address Information
	Position:	330
	Loop:	N1
	Level:	Heading
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	N301	166	**Address Information**	M	AN	1/35
			Address information			
	N302	166	**Address Information**	O	AN	1/35
			Address information			

Segment:	**N4** Geographic Location	
Position:	340	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	**19**	**City Name**	O	AN	2/30
		Free-form text for city name			
N402	**156**	**State or Province Code**	O	ID	2/2
		Code (Standard State/Province) as defined by appropriate government agency			
N403	**116**	**Postal Code**	O	ID	3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
N404	**26**	**Country Code**	O	ID	2/3
		Code identifying the country			
N405	**309**	**Location Qualifier**	X	ID	1/2
		Code identifying type of location			
		AR Armed Services Location Designation			
		Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).			
N406	**310**	**Location Identifier**	O	AN	1/30
		Code which identifies a specific location			

Segment:	**REF** Reference Numbers
Position:	350
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*Use of this segment is required in all quotes and amendments to quotes when N101 is code SE to identify the personal identification number of the quoting party.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	REF01	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

EL   Electronic device pin number

Use to indicate the identification number assigned to the contractor at the time of registration. Use of this code is REQUIRED.

ZF   Contractor Establishment Code (CEC)

Use only when N101 is code SE.

	REF02	127	**Reference Number**	X	AN	1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**PER** Administrative Communications Contact
Position:	360
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to provide the names and titles of individuals associated with the entity cited in the same N1 loop.*
	2. When BQR01 is code 00 and N1 is code SE, this segment is REQUIRED.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PER01	366	**Contact Function Code**	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

Use to identify various individuals within the offeror's organization.

AA	Authorized Representative	

Use to indicate the person authorized by the offeror to contractually and legally bind the entity.

AF	Authorized Financial Contact	

Use to identify the individual in the offeror's company who is responsible for cost and price data.

BD	Buyer Name or Department
CE	Certifier
IC	Information Contact
KA	Authorized Negotiator
ME	Manufacturing

Use to indicate the manufacturing point of contact.

PP	Program Manager
SI	Investigator

Use this code for research and development type of work to indicate who the principal investigator is for your company.

SU	Supplier Contact

Use to indicate a contact within the offeror's

organization.

Must Use	PER02	93	**Name**	O	AN	1/35

Free-form name

Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.

Must Use	PER03	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

AU	Defense Switched Network	
EM	Electronic Mail	
FX	Facsimile	
IT	International Telephone	

Include the country code.

TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

Must Use	PER04	364	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable

	PER05	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.

AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

Use, if applicable, to provide an extension number when PER03 is code TE.

FX	Facsimile
IT	International Telephone

Include the country code.

TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

	PER06	364	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable

	PER07	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

AU	Defense Switched Network
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
	Include the country code.
TE	Telephone
	Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08   **364**   **Communication Number**   **X   AN   1/80**

Complete communications number including country or area code when applicable

PER09   **443**   **Contact Inquiry Reference**   **O   AN   1/20**

Additional reference number or description to clarify a contact number

1. Use, if necessary, to provide the title of the individual cited in PER02.

2. This data element is REQUIRED when PER01 is code AA, CE, or KA.

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	390	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
Semantic Notes:		
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:		*1. Use this 1/TD5/390 segment when the transportation method is the same for all of the line items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/500 segment when the information is applicable to a named entity.*
		2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD504	**91**	**Transportation Method/Type Code**	**X**	**ID**	**1/2**

Code specifying the method or type of transportation for the shipment

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

D Parcel Post
Use to indicate the US Postal Service and not a private carrier.
Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD512	**284**	**Service Level Code**	**X**	**ID**	**2/2**

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)	
Position:	410	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both	
Syntax Notes:	1	At least one of TD401 TD402 or TD404 is required.
	2	If TD402 is present, then TD403 is required.
Semantic Notes:		
Comments:		
Notes:	*1. Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/520 segment if the information is applicable to a named entity.*	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	152	**Special Handling Code**	X	ID	2/3
		Code specifying special transportation handling instructions			
		Any code may be used but the listed codes are preferred.			
		AMM A.M. Delivery Requirement			
		DA Dangerous			
		EX Explosive Flammable Gas			
		FG Flammable Gas			
		FL Flammable			
		FP Flammable Poison Gas			
		HM Endorsed as Hazardous Material			
		LT Less Than Full Carload			
		LTT Less Than Truckload			
		PG Poisonous Gas			
		PMM P.M. Delivery Requirement			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
TD402	208	**Hazardous Material Code Qualifier**	X	ID	1/1
		Code which qualifies the Hazardous Material Class Code (209)			
		Use any code.			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
TD403	209	**Hazardous Material Class Code**	X	AN	2/4
		Code specifying the kind of hazard for a material			
TD404	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PKG** Marking, Packaging, Loading
Position:	420
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements

Syntax Notes:
1. At least one of PKG04 PKG05 or PKG06 is required.
2. If PKG04 is present, then PKG03 is required.
3. If PKG05 is present, then PKG01 is required.

Semantic Notes:
1. PKG04 should be used for industry-specific packaging description codes.

Comments:
1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (description).

Notes: *1. Use this 1/PKG/420 segment when the packaging requirements are the same for all the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/530 segment if the packaging requirements are applicable to a named entity.*

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	**349**	**Item Description Type**	X	ID	1/1

Code indicating the format of a description

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

Ref. Des.	Data Element	Name	Attributes		
PKG02	**753**	**Packaging Characteristic Code**	O	ID	1/5

Code specifying the marking, packaging, loading and related characteristics being described

Use the listed codes to identify the applicable packaging requirements.

CD	Cleaning or Drying Procedure
CT	Cushioning Thickness
CUD	Cushioning and Dunnage

		HM	Hazardous Material
		IC	Intermediate Container
		LP	Level Of Preservation
		OPI	Optional Procedure Indicator
		PK	Packing

When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

		PM	Preservation Method
		PML	Preservation Material
		SMK	Special Marking
		UC	Unit Container
		UCL	Unit Container Level
		WM	Wrapping Material

PKG03   **559**   **Agency Qualifier Code**   **X**   **ID**   **2/2**

Code identifying the agency assigning the code values

	DF	Department of Defense (DoD)
	GS	General Services Administration (GSA)
	ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   **754**   **Packaging Description Code**   **X**   **AN**   **1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL -STD-2073-2C).

PKG05   **352**   **Description**   **X**   **AN**   **1/80**

A free-form description to clarify the related data elements and their content

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PO1** Baseline Item Data	
Position:	010	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic and most frequently used line item data	
Syntax Notes:	1	If PO103 is present, then PO102 is required.
	2	If PO105 is present, then PO104 is required.
	3	If either PO106 or PO107 is present, then the other is required.
	4	If either PO108 or PO109 is present, then the other is required.
	5	If either PO110 or PO111 is present, then the other is required.
	6	If either PO112 or PO113 is present, then the other is required.
	7	If either PO114 or PO115 is present, then the other is required.
	8	If either PO116 or PO117 is present, then the other is required.
	9	If either PO118 or PO119 is present, then the other is required.
	10	If either PO120 or PO121 is present, then the other is required.
	11	If either PO122 or PO123 is present, then the other is required.
	12	If either PO124 or PO125 is present, then the other is required.
Semantic Notes:		
Comments:	1	See the Data Dictionary for a complete list of ID's.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:		*1. If the quote is for the exact item and quantity as specified in the solicitation, PO101, PO104, and PO105 if one of the listed codes is cited, is all that is required. Other data elements may be used, as necessary, to provide any additional information the offeror feels is essential to the quote.*
		2. When BQR06 is code AB, PO106 is REQUIRED using codes FS, MF, MG, PW or ZB, as necessary, to adequately describe the item and provide information regarding the item, manufacturer and design control source.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO101	**350**	**Assigned Identification**	O	AN	1/11
		Alphanumeric characters assigned for differentiation within a transaction set			
		To identify the item being quoted or to which changes are being proposed, this data element must contain whatever numeric or alpha characters that were provided in the solicitation.			
PO102	**330**	**Quantity Ordered**	X	R	1/9
		Quantity ordered			
		Use to identify the quantity being quoted only if the quantity differs from			

the solicited quantity. Use the PO3 segment to explain.

PO103   **355**   **Unit or Basis for Measurement Code**   **O**   **ID**   **2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

SX Shipment
Use when PO101 is a CLIN for transportation charges.

ZZ Mutually Defines
Use to indicate a Task or Job.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO104   **212**   **Unit Price**   **X**   **R**   **1/17**

Price per unit of product, service, commodity, etc.

1. Cite the unit price for the line item except when PO105 is code PQ. In that instance, cite the total price for the line item.

2. If a discount is applicable to the line item, cite the discounted price.

3. When PO105 is either code NC or NS, enter the number 0.

PO105   **639**   **Basis of Unit Price Code**   **O**   **ID**   **2/2**

Code identifying the type of unit price for an item

Use only if necessary to provide the basis of the quoted price.

CA	Catalog
ES	Estimated
FB	Fabrication Cost

   Use to indicate the price includes the incorporation of GFE, GFM, or GFP.

KA	Price with Government Furnished Property

   Use to indicate the price of the items includes the use of GFP, GFE, or GFM to manufacture the item.

NC	No Charge

   Use to indicate this is a no cost item.

NE	Not to Exceed
NS	Not Separately Priced

   Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.

PQ	Posted

   Use to indicate the price cited in PO104 is a total price for the line item rather than a unit price.

TB	To be negotiated.

PO106   **235**   **Product/Service ID Qualifier**   **X   ID   2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

*1. PO106 through PO125 are used in pairs. For example, PO106
contains a qualifier code and PO107 contains the data related to the code.*

*2. If an equal or substitute items is being quoted, as a minimum, include
the National Stock Number, the Manufacturer's Part Number (to indicate
who has design control) and Manufacturer (if other than the bidder). In
addition, provide the address of the entity who controls the design or who
is manufacturing the item in the 2/N1/420 loop.*

3. Any code may be used but the listed codes are preferred.

A8 Exhibit Line Item Number
AK Refined Product Code
CG Commodity Grouping
Use to indicate a commodity code.
CH Country of Origin Code
CL Color
CN Commodity Name
FS National Stock Number
*Use of this code is required when BQR06 is code AB and the alternate or
substitute item has an NSN. The NSN shall be transmitted without dashes.*
FT Federal Supply Classification
See ASC X12 Code Source List 27 for the FSCs associated with this code.
KF Item Type Number
LT Lot Number
N1 National Drug Code in 4-4-2 Format
N2 National Drug Code in 5-3-2 Format
N3 National Drug Code in 5-4-1 Format
N4 National Drug Code in 5-4-2 Format
ND National Drug Code (NDC)
MF Manufacturer
*When an alternate product is offered, use to indicate the manufacturer of
the item if other than the quoting party. When used, cite the DUNS
number of the manufacturer in the following 234 data element.*
MG Manufacturer's Part Number
*Use of this code is required if BQR06 is code AB and the alternate or
substitute item does not have an NSN. When used, a second 235/234 pair
must be used citing either code MF or ZB in data element 235.*
MN Model Number
PD Part Number Description
*Use to indicate a clear text description of an item that cannot be
identified by a number, e.g., transportation.*
PN Company Part Number
PU Part Reference Number
*Use to indicate a part number assigned by an industry (not related to a
specific manufacturer). Do not use for National Drug Codes.*

PW Part Drawing
Use of this code is required when BQR06 is code AB.
SN Serial Number
SR Substitute Product Number
SW Stock Number
Use to indicate a local stock number
SZ Vendor Alphanumeric Size Code (NRMA)
Use to indicate the size of an item.
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
VP Vendor's (Seller's) Part Number
Use to indicate a part number assigned by a selling party other than the manufacturer.
ZB Commercial and Government Entity (CAGE) Code
When an alternate product is offered, use to indicate the manufacturer of an item if other than the quoting party. Use of this code or code MF is required when an alternate product is offered.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO107	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

PO108	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO109	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

PO110	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO111	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

PO112	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO113	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

PO114	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO115	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

PO116	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO117	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

PO118	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO119	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

PO120	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO121	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

PO122	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO123	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

PO124	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO125	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

Segment: **PO3** **Additional Item Detail**

Position:	030
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To specify additional item-related data involving variations in normal price/quantity structure
Syntax Notes:	1 If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:	
Comments:	1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
	2 PO307 defines the unit of measure for PO306.
Notes:	*Use this 2/PO3/030 segment, as necessary, to identify additional information regarding the item being quoted in the PO1 segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PO301	371	**Change Reason Code**	M ID 2/2

Code specifying the reason for price or quantity change

1. Use to provide an explanation if the quantity or unit of measure being quoted is different than in the solicitation.

2. Use also to provide the alternate quantity and unit of measure being quoted if one was identified in the solicitation.

     AQ   Alternate Quantity and Unit of Measure

Use to indicate that an item has an alternate quantity and unit of measure (e.g., POC03/POC05 would cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).

     EV   Estimated Quantity

Use to indicate the quantity quoted in PO102 is an estimate.

     MC   Pack/Size Measure Difference

     MP   Minimum Order

Use to indicate that a minimum order (either price or quantity) is being quoted.

     PC   Pack Difference

     QH   Quantity on Hand

     QT   Quantity Price Break

Use to indicate the quantity quoted, if different than solicited, represents a price break for the buying

party.

			SC		Size Difference			
			UM		Unit of Measure Difference			

	PO303	**236**	**Price Identifier Code**			**X**	**ID**	**3/3**

Code identifying pricing specification

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

	PO304	**212**	**Unit Price**			**O**	**R**	**1/17**

Price per unit of product, service, commodity, etc.

	PO305	**639**	**Basis of Unit Price Code**			**X**	**ID**	**2/2**

Code identifying the type of unit price for an item

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	**PO306**	**380**	**Quantity**			**M**	**R**	**1/15**

Numeric value of quantity

Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the quantity cited in PO102.

Must Use	**PO307**	**355**	**Unit or Basis for Measurement Code**			**M**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the unit of measure cited in PO103.

3. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**CTP** Pricing Information	
Position:	040	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pricing information	

Syntax Notes:	1	If either CTP04 or CTP05 is present, then the other is required.
	2	If CTP06 is present, then CTP07 is required.
	3	If CTP09 is present, then CTP02 is required.
	4	If CTP10 is present, then CTP02 is required.
Semantic Notes:	1	CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
	2	CTP08 is the rebate amount.
Comments:	1	See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes: *1. Use this segment to provide pricing information requested in the solicitation or to provide additional prices related to the line item, e.g., prepaid transportation charges.*

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31 -50:

CTP**PBQ**1*EA n/l
CTP**ICL*25.00*10*EA n/l
CTP**ICL*24.50*20*EA n/l
CTP**ICL*23.50*30*EA n/l
CTP**MAX*22.00*50*EA n/l

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
CTP02	236	**Price Identifier Code**	X	ID	3/3

Code identifying pricing specification

Any code may be used to provide information regarding the pricing of an item.

ALT Alternate Price
Use to indicate a lease-to-purchase price. A request has been submitted to ASC X12 to add a code for Lease-to-Purchase Price. If approved, we expect the code will be available for use in the ASC X12 Version/Release 3060

CAT Catalog Price
Use to indicate catalog price if PO104 is not the quoting party's catalog price and the solicitation requested the bidder to identify the catalog price.

ICL Unit Price Through Quantity
When providing prices for different quantities, use to indicate the end of a quantity range.

MAX Maximum Order Quantity Price
When providing prices for different quantities, use to indicate the quantity above which the price will not change.

PAP Protection Level Price
Use to indicate the price for the packaging protection level cited in CTP10.

PAQ Price Break Quantity(s)
Use to provide the price break quantities as requested in the solicitation.

PBQ Unit Price Beginning Quantity
When providing prices for different quantities, use to indicate the beginning of a quantity range.

PPA Packing Level Price
Use to provide the price for the packing level cited in CTP10.

PUR Purchase
Use to indicate the price when it is less costly to replace than to repair.

ZNP Zone Price Code
Use to indicate the price for delivery to the zone cited in CTP10.

Refer to 003050 Data Element Dictionary for acceptable code values.

CTP03	**212**	**Unit Price**	**O**	**R**	**1/17**	

Price per unit of product, service, commodity, etc.

CTP04	**380**	**Quantity**	**X**	**R**	**1/15**	

Numeric value of quantity

CTP05	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**	

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

CTP10	**499**	**Condition Value**	**O**	**AN**	**1/10**	

Identifies rate restrictions or provisions

When CTP02 is code PAP, PPA, or ZNP, cite the applicable protection level, packing level or zone to which the price in CTP03 applies.

Segment: **MEA** Measurements

Position:	049
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2 If MEA05 is present, then MEA04 is required.
	3 If MEA06 is present, then MEA04 is required.
	4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.*

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
MEA01	737	**Measurement Reference ID Code**	O	ID	2/2

Code identifying the broad category to which a measurement applies

Use any code.

BT Batch Limits
Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CT Counts
Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects
Use to indicate a warranty period.

LT Lot Limits
Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits
Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted
Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	**738**	**Measurement Qualifier**	**O**	**ID**	**1/3**

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

MX Maximum
When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

PO Percent of Order (-, +)
Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio
Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.

TT Time
Use to indicate the length of a warranty period. Specify the number of days, weeks, months or years in MEA03 and the time period in MEA04 -C00101.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | MEA03 | 739 | **Measurement Value** | | X | R | 1/20 |

The value of the measurement

| | MEA04 | C001 | **Composite Unit of Measure** | | X | | |

To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04-C00104 would cite code Q1.

| Must Use | C00101 | 355 | **Unit or Basis for Measurement Code** | | M | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | C00104 | 355 | **Unit or Basis for Measurement Code** | | O | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | MEA05 | 740 | **Range Minimum** | | X | R | 1/20 |

The value specifying the minimum of the measurement range

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA02 is RY, use to specify the proposed Government share.

3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| | MEA06 | 741 | **Range Maximum** | | X | R | 1/20 |

The value specifying the maximum of the measurement range

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.

2. When MEA02 is RY, use to specify the proposed contractor share.

3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Segment:	**PID** Product/Item Description		
Position:	050		
Loop:	PID		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To describe a product or process in coded or free-form format		

Syntax Notes:

1. If PID04 is present, then PID03 is required.
2. At least one of PID04 or PID05 is required.
3. If PID07 is present, then PID03 is required.
4. If PID08 is present, then PID03 is required.

Semantic Notes:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.

Comments:

1. If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Notes: *Use this segment ONLY if it is necessary to further describe a line item specified in PO101.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	PID01	349	**Item Description Type**	M	ID	1/1
			Code indicating the format of a description			
			F	Free-form		
			S	Structured (From Industry Code List)		
			X	Semi-structured (Code and Text)		
	PID02	750	**Product/Process Characteristic Code**	O	ID	2/3
			Code identifying the general class of a product or process characteristic			
			MAC	Material Classification		
				Use to indicate the item cited in the same PO1 loop is a surplus item.		
	PID03	559	**Agency Qualifier Code**	X	ID	2/2
			Code identifying the agency assigning the code values			
			ZZ	Mutually Defined		
				Use to indicate the Federal Government. A request has been submitted to ASC X12 to add a code for Federal Government. If approved, we expect the code will be available for use in the ASC X12		

Version/Release 3060.

PID04	**751**	**Product Description Code**	**X**	**AN**	**1/12**

A code from an industry code list which provides specific data about a product characteristic

When PID02 is code MAC, cite the classification of the item using the following: Cite the letter "N" for new/unused, cite the letter "R" for new/reconditioned, cite the letter "M" for new/modified, or cite the letter "O" for used/overhauled.

PID05	**352**	**Description**	**X**	**AN**	**1/80**

A free-form description to clarify the related data elements and their content

1. Use, only if necessary, to provide additional information applicable to a line item.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment: **PWK** Paperwork

Position:	070
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To identify the type and transmission of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	*1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item. Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.*
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	PWK01	755	**Report Type Code**	M	ID	2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork the offeror is providing.

25	Purchase Plan	
	Use to indicate a make or buy plan.	
35	Subcontractor Plan	
AE	Attachment	
	Use to indicate some additional type document is being provided by means other than within the transaction set. Specify the nature of the document in PWK07.	
C1	Cost Data Summary	
	Use to indicate non-certified cost and price data.	
C5	Certified Cost and Price Data	
C6	Wage Determination	
	Use to indicate a Department of Labor Wage Determination.	
DW	Drawing(s)	
IT	Certified Inspection and Test Results	
	Use to indicate test results for a QBL, QML, or QPL item.	

	MS	Material Safety Data Sheet	
	PJ	Purchasing Specification	

Use to indicate a Statement of Work.

SD	Support Data for a Request for Quote	

Use to indicate that supporting technical documentation, e.g., technical proposal, etc. are being provided. Use of this code is required when BQR06 is code AB.

TO	Demand Report	

Use to indicate a Contract Data Requirement List (CDRL) deliverable.

UA	Union Agreement	
US	"BUY AMERICA" Certification of Compliance	

PWK02	**756**	**Report Transmission Code**	**O**	**ID**	**1/2**

Code defining timing, transmission method or format by which reports are to be sent

BE	By Mail and Electronically	

Use to indicate E-Mail

BM	By Mail	
CF	Courier	
EL	Electronically Only	

Use to indicate Electronic Data Interchange (EDI)

FX	By Fax	

PWK04	**98**	**Entity Identifier Code**	**O**	**ID**	**2/2**

Code identifying an organizational entity, a physical location, or an individual

Use to identify the party to whom the paperwork identified in PWK01 was sent. If there is more than one recipient of the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/310 or 2/N1/420 segment and/or the communications number of the recipient in either the 1/PER/360 or 2/PER/470 segment.

BY	Buying Party (Purchaser)	

Use to indicate the contracting officer.

IS	Party to Receive Certified Inspection Report	

Use when PWK01 is code IT.

KF	Audit Office	
KG	Project Manager	

Use to indicate the party responsible for a project to include the Advisor under a Grant.

KY	Technical Office	

PWK07	**352**	**Description**	**O**	**AN**	**1/80**

A free-form description to clarify the related data elements and their

content

1. Use, only if necessary, to identify additional information related to a specific paperwork item.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

| | **PWK08** | **C002** | **Actions Indicated** | | **O** | | |

Actions to be performed on the piece of paperwork identified

| **Must Use** | **C00201** | **704** | **Paperwork/Report Action Code** | | **M** | **ID** | **1/2** |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Use to indicate the specified paperwork will be or is being provided by the offeror.

| PV | Provided |

Segment:	**PKG** Marking, Packaging, Loading
Position:	080
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG03 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3 Use PKG03 to indicate the organization that publishes the code list being referred to.
	4 Special marking or tagging data can be given in PKG05 (description).
Notes:	*1. Use this 2/PKG/080 segment if the packaging requirements apply to a specific line item. Use the 2/PKG/530 segment if the packaging requirements apply to a named entity.*

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	349	Item Description Type	X	ID	1/1

Code indicating the format of a description

Refer to 003050 Data Element Dictionary for acceptable code values.

PKG02	753	Packaging Characteristic Code	O	ID	1/5

Code specifying the marking, packaging, loading and related characteristics being described

Use the listed codes to identify applicable packaging requirements.

CD	Cleaning or Drying Procedure
CT	Cushioning Thickness
CUD	Cushioning and Dunnage
HM	Hazardous Material
IC	Intermediate Container

LP	Level Of Preservation			
OPI	Optional Procedure Indicator			
PK	Packing			

When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

PKG03   559   Agency Qualifier Code   X   ID   2/2

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   754   Packaging Description Code   X   AN   1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL -STD-2073-2C).

PKG05   352   Description   X   AN   1/80

A free-form description to clarify the related data elements and their content

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PO4** Item Physical Details	
Position:	090	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item	
Syntax Notes:	1	If either PO402 or PO403 is present, then the other is required.
	2	If PO405 is present, then PO406 is required.
	3	If either PO406 or PO407 is present, then the other is required.
	4	If either PO408 or PO409 is present, then the other is required.
	5	If PO410 is present, then PO413 is required.
	6	If PO411 is present, then PO413 is required.
	7	If PO412 is present, then PO413 is required.
	8	If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
Semantic Notes:		
Comments:	1	PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
	2	PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: *1. Use this segment to specify the weight, cube or dimensions of the unit or intermediate pack; the unit pack quantity or intermediate container quantity; to indicate palletized loads or shrink wrap. To specify the unit pack quantity, use PO401, PO403, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, PO403 would cite code PR, and PO404 would cite code UNT. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 oz bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ, and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per unit container is required, use code INT in PO404 and cite the quantity in PO414.*

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO401	**356**	**Pack**	O	N0	1/6
		Number of inner pack units per outer pack unit			
		1. Use to identify the unit pack quantity.			

2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).

PO402	**357**	**Size**	**X**	**R**	**1/8**

Size of supplier units in pack

Use only to identify the size of the individual items within a unit container.

PO403	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO404	**103**	**Packaging Code**	**O**	**AN**	**3/5**

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material

INT	Intermediate Container
PAF	Pallet - 4 Way
PAT	Pallet - 2 Way
SRW	Shrink Wrap
UNT	Unit

    Used to indicate the unit container.

PO405	**187**	**Weight Qualifier**	**O**	**ID**	**1/2**

Code defining the type of weight

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO406	**384**	**Gross Weight per Pack**	**X**	**R**	**1/9**

Numeric value of gross weight per pack

Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.

PO407	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO408	**385**	**Gross Volume per Pack**	**X**	**R**	**1/9**

Numeric value of gross volume per pack

Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.

PO409	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO410	**82**	**Length**	**O**	**R**	**1/8**

Largest horizontal dimension of an object measured when the object is in the upright position

PO411	**189**	**Width**	**O**	**R**	**1/8**

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

PO412	**65**	**Height**	**O**	**R**	**1/8**

Vertical dimension of an object measured when the object is in the upright position

Use to specify the depth of a container.

PO413	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO414	**810**	**Inner Pack**	**O**	**N0**	**1/6**

Number of units in each selling pack

Use to specify the quantity of unit containers in an intermediate container.

Segment:	**REF** Reference Numbers
Position:	100
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.*
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	REF01	128	Reference Number Qualifier	M	ID	2/2

Code qualifying the Reference Number.

When codes CT or W6 are used, one iteration of the 2/DTM/200 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.

2Y	Wage Determination

Use to indicate a Department of Labor Wage Determination.

73	Statement of Work (SOW)

If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.

97	Package Number
AH	Agreement Number

Use to indicate a Union Agreement Number.

C7	Contract Line Item Number
CH	Customer catalog number
CT	Contract Number

Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.

DG	Drawing Number

If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.

IJ   Standard Industry Classification (SIC) Code

Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.

IX   Item Number

Use to indicate a Federal supply schedule (FSS) special item number.

K6   Purchase Description

LT   Lot Number

LX   Qualified Products List

Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.

NI   Military Standard (MIL-STD) Number

P4   Project Code

QC   Product Specification Document Number

S2   Military Specification Number (MILSPEC)

S3   Specification Number

Use to indicate a specification number other than a MIL-SPEC. When used, identify the specification in REF03.

TN   Transaction Reference Number

Use to indicate a unique reference number for a related transaction set.

TP   Test Specification Number

VW   Standard

Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.

W6   Federal Supply Schedule Number

Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.

ZZ   Mutually Defined

Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02   127   Reference Number   X   AN   1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.

REF03	**352**	**Description**	**X**	**AN**	**1/80**

A free-form description to clarify the related data elements and their content

1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	130
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
   SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *Use this 2/SAC/130 segment to identify amounts and, if applicable, quantities, for services, allowances, or non-CLIN charges that apply to a specific line item. If the amounts and quantities for the services, allowances or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

C		Charge
N		No Allowance or Charge

Use to indicate there is no charge for the service specified SAC02.

SAC02   **1300**   **Service, Promotion, Allowance, or Charge Code**   **X**   **ID**   **4/4**

Code identifying the service, promotion, allowance, or charge

1. Any code may be used but the listed codes are preferred.

2. As a minimum, the codes listed in the solicitation must be used to identify whether or not there is a charge.

B180 Cleaning Charge
B610 Container Service Charge USA/Canada
Use to indicate a reusable container.

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a charge for a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a charge for the preparation of a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge

H850 Tax
Use to indicate total taxes applicable to the line item amount that are included in the unit prices.

H990 Testing Services Charge
I260 Transportation Direct Billing
Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.

I380 Unloading (Labor Charges)
I590 Warranties
Refer to 003050 Data Element Dictionary for acceptable code values.

SAC05	610	**Amount**	O	N2	1/15

Monetary amount

SAC06	378	**Allowance/ Charge Percent Qualifier**	X	ID	1/1

Code indicating on what basis allowance or charge percent is calculated

1. Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

SAC07	332	**Percent**	X	R	1/6

Percent expressed as a percent

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

SAC08	118	**Rate**	O	R	1/9

Rate expressed in the standard monetary denomination for the currency specified

SAC09	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

SAC10	380	**Quantity**	X	R	1/15

Numeric value of quantity

If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

SAC11	380	**Quantity**	O	R	1/15

Numeric value of quantity

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	150	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:		*1. Use this 2/ITD/150 segment when a discount applies to individual line items. If the discount applies to all of the line items, use the 1/ITD/130 segment.*
		2. The Prompt Payment Act specifies payment terms as Net 30 unless an appropriate discount is applicable. Contractors do not need to cite net payment terms.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ITD03	**338**	**Terms Discount Percent**	**O**	**R**	**1/6**
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date			
		Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).			
ITD05	**351**	**Terms Discount Days Due**	**X**	**N0**	**1/3**
		Number of days in the terms discount period by which payment is due if terms discount is earned			

Segment: **DIS** Discount Detail

Position: 160
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the exact type and terms of various discount information
Syntax Notes:
Semantic Notes: 1 DIS05 is the minimum for application of the discount.
2 DIS06 is the maximum for application of the discount.

Comments:
Notes: *1. Use this 2/DIS/160 segment to identify volume discount information applicable to the line item that is based on the dollar value purchased.*

2. Use the 2/N9/400 segment, with N901 citing code L1, and the 2/MSG/410, to specify other volume or promotional discounts that apply to a line item.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DIS01	653	Discount Terms Type Code	M	ID	3/3

Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	DIS02	654	Discount Base Qualifier	M	ID	2/2

Code to define unit of discount, i.e., dollars, cases, alternate products, etc.

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	DIS03	655	Discount Base Value	M	R	1/10

A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount

Must Use	DIS04	656	Discount Control Limit Qualifier	M	ID	2/3

Code to define the units of the limits for determining discount

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	DIS05	657	Discount Control Limit	M	N0	1/10

Amount or time associated with application of the discount

	DIS06	657	Discount Control Limit	O	N0	1/10

Amount or time associated with application of the discount

Segment:	**FOB** F.O.B. Related Instructions
Position:	180
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	*1. Use this 2/FOB/180 segment when the FOB point and acceptance location applies to a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.*
	2. This segment is not used when the quote is for a service without deliverables or construction.
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use FOB01	146	**Shipment Method of Payment**	M	ID	2/2

Code identifying payment terms for transportation charges

BP   Paid by Buyer

Use to indicate a Government Bill of Lading (GBL) will be issued.

PE   Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP   Prepaid (by Seller)

Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.

	PS		Paid by Seller		

Use to indicate transportation charges are included in the unit price.

FOB02	**309**	**Location Qualifier**		**X ID**	**1/2**

Code identifying type of location

Use to indicate the FOB point.

DE	Destination (Shipping)
FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
IT	Intermediate FOB Point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.

OR	Origin (Shipping Point)
ZZ	Mutually Defined

Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

FOB06	**309**	**Location Qualifier**		**X ID**	**1/2**

Code identifying type of location

Use to identify the acceptance location. This code also identifies the inspection location unless N101 in the 2/N1/420 loop is code L1.

DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.

Segment:	**DTM** Date/Time Reference
Position:	200
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 2/DTM/200 segment when dates apply to a specific line item. If the dates apply to all of the line items, use the 1/DTM/150 segment.*
	2. Use this segment for delivery information when the quoted delivery can be specified as an actual date. If the quoted delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/394 loop or the 2/LDT/ 550 loop if the delivery schedule is applicable to a named entity.
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

017	Estimated Delivery	
036	Expiration	

Use this code to indicate the expiration date of a Federal Supply Schedule or contract. This relates to the information provided in the 2/REF/100 segment, specifically for codes CT, or W6, in REF01.

037	Ship Not Before
063	Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

065	1st Schedule Delivery
066	1st Schedule Ship
069	Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

075	Promised for Delivery (Prior to and Including)	

Use to indicate the date on or before which the offeror proposes to make delivery.

078	Promised for Delivery (Week of)	

When this code is used, cite the beginning date of the week.

174   Month Ending

Use to indicate delivery is required on the last date of the specified month.

193   Period Start

Use to indicate the performance period start date.

194   Period End

Use to indicate the performance period end date.

227   Lease Term Start

228   Lease Term End

276   Contract Start

Use to indicate the commencement date of an Agreement or an IDC award instrument.

279   Contract Completion

Use to indicate the completion date of an Agreement or an IDC award instrument.

368   Submittal

When REF01 is code TN, use to indicate the date of a related transaction set.

375   Delivery Start

Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.

376   Delivery End

Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.

800   Midpoint of Performance

Use to indicate the date when half the effort in terms of dollars or hours will be completed.

937   Department of Labor Wage Determination Date

Use to indicate the date of a Department of Labor Wage Determination.

992   Date Requested

Use to indicate the extension date requested for a quote submission for the line item identified in PO101. Not applicable to IFB. Cite code 04 in BQR01 of the subsequent quote.

DTM02	**373**	**Date**	**X**	**DT**	**6/6**

Date (YYMMDD)

DTM03   **337**   **Time**   **X**   **TM**   **4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to indicate the time for a delivery.

DTM04   **623**   **Time Code**   **O**   **ID**   **2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time
MT	Mountain Time
PT	Pacific Time

DTM05   **624**   **Century**   **O**   **N0**   **2/2**

The first two characters in the designation of the year (CCYY)

DTM06   **1250**   **Date Time Period Format Qualifier**   **X**   **ID**   **2/3**

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07   **1251**   **Date Time Period**   **X**   **AN**   **1/35**

Expression of a date, a time, or range of dates, times or dates and times

Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995 date.

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	250	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
Semantic Notes:		
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:		*1. Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/500 segment if the transportation method for the line item applies to a named entity.*
		2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD504	**91**	**Transportation Method/Type Code**	X	ID	1/2

Code specifying the method or type of transportation for the shipment

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

D Parcel Post
Use to indicate the US Postal Service and not a private carrier.

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD512	**284**	**Service Level Code**	X	ID	2/2

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position:	270
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	**1** At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/520 segment when the information applies to a named entity.*
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	**152**	**Special Handling Code**	X	ID	2/3

Code specifying special transportation handling instructions

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA   Dangerous
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT   Less Than Truckload
PG   Poisonous Gas
PMM P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

TD402	**208**	**Hazardous Material Code Qualifier**	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	**209**	**Hazardous Material Class Code**	X	AN	2/4

Code specifying the kind of hazard for a material

TD404	**352**	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their

content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**MSG** **Message Text**	
Position:	289	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*1. Use this segment to provide, in plain text, information not associated with a lead time, clause or address.*	
	2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	

Segment:	**SPI** Specification Identifier	
Position:	291	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To provide a description of the included specification or technical data items	
Syntax Notes:	1 If either SPI02 or SPI03 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this segment to identify those elements of the quote that have a government security classification or commercial protection level.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	SPI01	786	**Security Level Code**	M	ID	2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the level of government security classification or commercial protection level applicable to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.

06	Supplier Proprietary
11	Competition Sensitive
92	Government Confidential
93	Government Secret
94	Government Top Secret

	SPI02	128	**Reference Number Qualifier**	X	ID	2/2

Code qualifying the Reference Number.

1. Use to identify items within the transaction set that are either government classified, e.g., drawing number, SOW, or those items that have a commercial protection level assigned by the offeror. Use SPI04 to further define the number or to describe the item cited in SPI03, if necessary.

2. Use any code.

91 Cost Element
Use to indicate cost or price data, e.g., unit price, labor rate, overhead rate, etc. When this code is used, cite the number to which the protection level applies in SPI03 and use SPI04 to define the number.

DD Document Identification
Use to indicate an Engineering Data List.

Refer to 003050 Data Element Dictionary for acceptable code values.

SPI03   **127**   **Reference Number**   **X**   **AN**   **1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

SPI04   **790**   **Entity Title**   **O**   **AN**   **1/132**

Title of the data entity

Use only if necessary to further define the number in SPI03.

SPI09   **786**   **Security Level Code**   **O**   **ID**   **2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item identified in SPI03, if applicable.

    06   Supplier Proprietary

    11   Competition Sensitive

	Segment:	**SCH** Line Item Schedule
	Position:	292
	Loop:	SCH
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify the data for scheduling a specific line-item

Syntax Notes:

1. If SCH03 is present, then SCH04 is required.
2. If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. If SCH09 is present, then SCH08 is required.
4. If SCH10 is present, then SCH08 is required.

Semantic Notes:

1. SCH12 is the schedule identification.

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Notes:

1. Use this 2/SCH/292 segment to quote a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving a partial shipment, use the 2/SCH/490 segment.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SCH01	380	**Quantity**	M	R	1/15

Numeric value of quantity

Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	SCH05	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

017	Estimated Delivery	
037	Ship Not Before	
063	Do Not Deliver After	

Use to indicate deliveries cannot be made after a specified date and/or time.

064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

065	1st Schedule Delivery
066	1st Schedule Ship

			069	Promised for Delivery			

Use to indicate the exact date when the offeror proposes to make delivery.

075   Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

078   Promised for Delivery (Week of)

When this code is used, cite the beginning date of the week.

174   Month Ending

Use to indicate delivery is required on the last date of the specified month.

358   Cycle Begin

Use to indicate the beginning of a delivery cycle.

375   Delivery Start

Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.

Must Use SCH06   373   Date   M   DT   6/6

Date (YYMMDD)

SCH07   337   Time   O   TM   4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to indicate the time for a delivery.

SCH08   374   Date/Time Qualifier   X   ID   3/3

Code specifying type of date or time, or both date and time

017   Estimated Delivery

037   Ship Not Before

063   Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064   Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

069   Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

075   Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

		078	Promised for Delivery (Week of)			
			When this code is used, cite the beginning date of the week.			
		174	Month Ending			
			Use to indicate delivery is required on the last date of the specified month.			
		359	Cycle End			
			Use to indicate the end of a delivery cycle.			
		376	Delivery End			
			Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.			
SCH09	**373**	**Date**		**X**	**DT**	**6/6**

Date (YYMMDD)

| **SCH10** | **337** | **Time** | | **X** | **TM** | **4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to indicate the time for a delivery.

Segment:	**PD** Pricing Data		
Position:	392		
Loop:	PD		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To describe the pricing basic input detail		
Syntax Notes:			
Semantic Notes:	**1**	PD01 is the unit of the time period contained in PD02.	
	2	PD02 is the date of the start of the time period in PD01.	
	3	PD04 is the quantity of the unit of measurement in PD03.	
	4	PD05 is the name of the cost element being proposed.	
	5	PD06 is the description of the name of the cost element being proposed.	
	6	PD08 is a reference to a specific paragraph number contained in an external document.	
	7	PD09 is the category of the data being proposed.	
Comments:			
Notes:	*1. Use this loop to provide labor categories, hours, rates, overhead rates, time periods and other cost information.*		
	2. The information contained in this loop is only applicable to the line item within the same PO1 loop.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**PD01**	**344**	**Unit of Time Period or Interval**	**M**	**ID**	**2/2**
			Code indicating the time period or interval			
			Use any code.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Must Use	**PD02**	**373**	**Date**	**M**	**DT**	**6/6**
			Date (YYMMDD)			
			Use to identify the commencement date of the time period specified in PD01, e.g., if PD01 is code CY, then 940101 would indicate the calendar year commencing January 1, 1994.			
Must Use	**PD03**	**C001**	**Composite Unit of Measure**	**M**		
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Any code may be used but the following codes are preferred.			
			A8 Dollars per Hours			
			DO Dollars, U.S.			

HR Hours
M4 Monetary Value
Use to indicate the monetary unit specified in CUR05 if the quote is in other than US dollars.
P1 Percent

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	**PD04**	**380**	**Quantity**	**M**	**R**	**1/15**

Numeric value of quantity

Use to identify the length of the period of time specified in PD01. For example: If the proposing party wanted to indicate the hourly rate for a specific labor category for a two year period, the PD01 would carry code CY for calendar year, PD02 would carry the beginning year, e.g. 940101, PD03-1 would carry code A8 for dollars per hour, and PD04 would carry the number 2.

Must Use	**PD05**	**93**	**Name**	**M**	**AN**	**1/35**

Free-form name

Use to provide an abbreviated name for the labor category or other category to which the data being provided pertains.

	PD06	**352**	**Description**	**O**	**AN**	**1/80**

A free-form description to clarify the related data elements and their content

Use to identify the full description of the abbreviated name provided in PD05.

	PD07	**1196**	**Breakdown Structure Detail Code**	**O**	**ID**	**2/2**

Codes identifying details relating to a reporting breakdown structure tree

26   Recurring
27   Nonrecurring

	PD10	**1401**	**Proposal Data Detail Identifier Code**	**O**	**ID**	**1/3**

Code identifying the basis of a cited value in a proposal

1. Use to qualify the data being provided.

2. Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

	Segment:	**PDD** Pricing Data Detail
	Position:	393
	Loop:	PD
	Level:	Detail
	Usage:	Optional
	Max Use:	>1

Purpose: To provide the rates, direct input, and pricing factors for each element of work, cross-referenced to an applicable request or submission

Syntax Notes: **1**   At least one of PDD02 PDD03 or PDD04 is required.

Semantic Notes: **1**   PDD01 is a sequential number assigned by the initiator.

Comments:

Notes: *1. Use this segment to provide the actual data related to the item or category identified in the preceding PD segment.*

2. Each occurrence of this segment may contain an entry in PDD02, or PDD03 or PDD04 but not in more than 1.

3. The number of occurrences of this PDD segment within each PD loop must equal the number cited in PD04 for each iteration of the PD loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	PDD01	350	**Assigned Identification**	M	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set			
			A unique and progressive sequence number (starting with the number "1") assigned by the offeror.			
	PDD02	380	**Quantity**	X	R	1/15
			Numeric value of quantity			
			Only use when PD03 is code HR.			
	PDD03	782	**Monetary Amount**	X	R	1/15
			Monetary amount			
			1. Only use when PD03 is code A8 or DO.			
	PDD04	954	**Percent**	X	R	1/10
			Percentage expressed as a decimal			
			1. Only use when PD03 is code P1.			
			2. Percents will be cited as a 4 position number with a decimal between positions 2 and 3.			
	PDD05	1401	**Proposal Data Detail Identifier Code**	O	ID	1/3
			Code identifying the basis of a cited value in a proposal			
			Use any code.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	**LDT** Lead Time	
Position:	394	
Loop:	LDT	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:	**1** LDT04 is the effective date of lead time information.	
Comments:	**1** LDT02 is the quantity of unit of time periods.	
Notes:	*1. Use this 2/LDT/394 loop when the quote delivery schedule is a set time period after the occurrence of some event and varies by line item. If the quote delivery schedule is applicable to a named entity, use the 2/LDT/550 loop. If this segment is used, the 2/DTM/200 segment is not used.*	

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

| Must Use | LDT01 | 345 | **Lead Time Code** | | | M | ID | 2/2 |

Code indicating the time range

AA	From date of PO receipt to sample ready.
AD	From date of sample approval to first product shipment.
AE	From date of PO receipt to shipment.
AF	From date of PO receipt to delivery.
AH	From Date of Receipt of First Article to First Article Approval
AI	From Date of a Specified Event to Delivery
	When this code is used, identify the specified event in the following MSG segment.
AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)
AK	From Date Of Latest Delivery To Final Delivery
AM	From Date Of Previous Delivery To Date Of Subsequent Delivery
AP	From Date of Award to Midpoint of Effort
AV	From Date of Award to Date of Latest Delivery
AW	From Date of Award to Date of Earliest Delivery
AX	From Date of Award to Date of Completion
AY	From Date of Award to Date of Delivery
AZ	From Date of Receipt of Item to Date of Approval of Item

| Must Use | LDT02 | 380 | **Quantity** | | | M | R | 1/15 |

Numeric value of quantity

| Must Use | LDT03 | 344 | **Unit of Time Period or Interval** | | | M | ID | 2/2 |

Code indicating the time period or interval

CY	Calendar Year
DA	Calendar Days
KK	Maximum Calendar Days
	Use to indicate a flexible time period, e.g., X number of days or less.
MO	Month
QY	Quarter of a Year
SA	Semiannual
WK	Weeks

| | LDT04 | 373 | **Date** | | | O | DT | 6/6 |

Date (YYMMDD)

Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

Segment:	**QTY** Quantity
Position:	395
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify quantity information
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to specify the quantity that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.*
	2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	QTY01	673	**Quantity Qualifier**	M	ID	2/2

Code specifying the type of quantity

1J	Due	
	Use to indicate the quantity to be delivered.	
1K	Time Units	
	Use to indicate the length of the delivery period.	
SA	Shipments	
	Use to indicate the number of shipments proposed to complete the deliverable quantity.	

	Ref. Des.	Data Element	Name		Attributes	
Must Use	QTY02	380	**Quantity**	M	R	1/15

Numeric value of quantity

1. When QTY01 is code 1J, cite the quantity to be delivered.

2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.

	Ref. Des.	Data Element	Name		Attributes	
	QTY03	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

DA Days
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

MO Months
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**MSG** **Message Text**	
Position:	396	
Loop:	LDT	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*1. When LDT01 is code AI, use to identify the specified event.*	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use MSG01	**933**	**Free-Form Message Text**	**M AN 1/264**
		Free-form message text	

Segment:	**LM** Code Source Information	
Position:	397	
Loop:	LM	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** LM02 identifies the applicable industry code list source information.	
Notes:	*1. Use this 2/LM/397 loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.*	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	LM01	559	**Agency Qualifier Code**	M	ID	2/2
			Code identifying the agency assigning the code values			
			DF Department of Defense (DoD)			
	LM02	822	**Source Subqualifier**	O	AN	1/15
			A reference that indicates the table or text maintained by the Source Qualifier			

Segment:	**LQ** Industry Code	
Position:	398	
Loop:	LM	
Level:	Detail	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
LQ01	**1270**	**Code List Qualifier Code**	O	ID	1/3

Code identifying a specific industry code list

    FX   Frequency

          Use to indicate the frequency code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).

Ref. Des.	Data Element	Name	Attributes		
LQ02	**1271**	**Industry Code**	X	AN	1/20

Code indicating a code from a specific industry code list

Segment:	**N9** Reference Number	
Position:	400	
Loop:	N9	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
Comments:		
Notes:		

1. Use this 2/N9/400 loop to provide required information that is applicable to a specific line item. When the information is applicable to the entire quote, use the 1/N9/290 loop.

2. Use this loop to provide certifications, representations or fill-in information applicable to a specific line item as required in the Solicitation (RRA segment) 840 transaction set or to specify exceptions being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set.

3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.

4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.

5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use N901	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

BB	Authorization Number	

Use to indicate the Code of Federal Regulations.

CJ	Clause Number

Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.

DF	Defense Federal Acquisition Regulations (DFAR)
DX	Department/Agency Number

Use to indicate an Agency Clause and identify the agency in N903.

EC   Circular

Use to indicate an Office of Management and Budget (OMB) Circular number.

FA   Federal Acquisition Regulations (FAR)

H4   Federal Information Resources Management Regulation

KR   Response to a Request for Quotation Reference

Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.

KT   Request for Quotation Reference

When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.

KW   Certification

Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.

KX   Representation

Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.

KY   Site Specific Procedures, Terms, and Conditions

KZ   Master Solicitation Procedures, Terms, and Conditions

Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.

L1   Letters or Notes

Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.

ZZ   Mutually Defined

Use to indicate that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in N903.

N902	**127**	**Reference Number**	**X**	**AN**	**1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

N903	**369**	**Free-form Description**	**X**	**AN**	**1/45**

Free-form descriptive text

1. When N901 is code KT, cite the word "Exception"; when N901 is code

L1, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when N901 is code CJ or DX, identify the Agency or purchasing activity issuing the clause cited in N902.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

N904	**373**	**Date**	**O**	**DT**	**6/6**

Date (YYMMDD)

Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.

Segment:	**MSG** **Message Text**
Position:	410
Loop:	N9
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	**1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*1. Use this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code KT to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing contracts.*

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.

3. A pipe sign (/) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:

Taxpayer Identification/ 3/ (c) TIN has been applied for/ (d) Other corporate entity/ (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause/

Information required by DFARS 252.211-7012 would be provided as follows:

Certifications--Commercial Items--Competitive Acquisitions/ 2/(c)(1) Items offered are commercial items as defined in (b)(1)(iv)/ (c2)(ii) Will be produced using government production and research property identified below/ Milling Machine/ N0001992C1234/ Naval Air Systems Command/

In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.

4. Use this segment to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**MSG01**	**933**	**Free-Form Message Text**	**M** **AN** **1/264**
			Free-form message text	

Segment:	**N1** Name
Position:	420
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. Use this 2/N1/420 loop to provide address information related to a specific line item. Use the 1/N1/310 loop to provide address information that is applicable to all of the line items.*
	2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.
	3. Use this segment to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N101	98	**Entity Identifier Code**	M	ID	2/2

Code identifying an organizational entity, a physical location, or an individual

31	Postal Mailing Address	
61	Performed At	

Use to indicate the proposed place of performance when it is other than the offeror's mailing address.

AE	Additional Delivery Address	

Use to indicate a ship in-place location.

IC	Intermediate Consignee	

When FOB02 is code IT, use to indicate a freight forwarder.

IS	Party to Receive Certified Inspection Report	
KF	Audit Office	
KG	Project Manager	

Use to indicate the party responsible for a project to include the advisor under a Grant.

KH	Organization Having Source Control	

When BQR06 is code AB, use to identify the organization having source control of the product offered.

KX	Free on Board Point

When FOB02 is code ZZ, use to indicate an FOB point other than at origin or destination.

KY	Technical Office
KZ	Acceptance Location

Use to indicate the acceptance location is proposed at other than origin or destination.

L1	Inspection Location
MF	Manufacturer of Goods

Use either to identify the actual manufacturer of the item if not the offeror or if a qualification requirement applied to the solicited item to specify the manufacturer that has already met the qualification requirement.

PW	Pick Up Address
ST	Ship To

Use this code when a different delivery schedule associated with a named entity is being proposed. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N104 and cite code AR in N405.

SV	Service Performance Site

Use to indicate the location where a service will be performed, e.g., grass cutting.

X2	Party to Perform Packaging

N102   93   **Name**   **X   AN   1/35**

Free-form name

N103   66   **Identification Code Qualifier**   **X   ID   1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

1	D-U-N-S Number, Dun & Bradstreet

Use of the DUNS number is preferred over other codes to identify an entity.

10	Department of Defense Activity Address Code (DODAAC)

Use to indicate a DoD or Civilian Agency Activity Address Code.

33	Commercial and Government Entity (CAGE)

Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.

	A2	Military Assistance Program Address Code (MAPAC)

N104   **67**   **Identification Code**   **X   AN   2/20**

Code identifying a party or other code

Segment:	**N2** **Additional Name Information**	
Position:	430	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**N201**	93	**Name**	M	AN	1/35
			Free-form name			
	N202	93	**Name**	O	AN	1/35
			Free-form name			

Segment:	**N3** **Address Information**
Position:	440
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**N301**	166	**Address Information**	M	AN	1/35
			Address information			
	N302	166	**Address Information**	O	AN	1/35
			Address information			

Segment:	**N4** Geographic Location	
Position:	450	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*	

Data Element Summary

Ref. Des.	Data Element	Name		Attributes		
N401	19	City Name		O	AN	2/30
		Free-form text for city name				
N402	156	State or Province Code		O	ID	2/2
		Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code		O	ID	3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code		O	ID	2/3
		Code identifying the country				
N405	309	Location Qualifier		X	ID	1/2
		Code identifying type of location				
		AR	Armed Services Location Designation			
			Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).			
N406	310	Location Identifier		O	AN	1/30
		Code which identifies a specific location				

	Segment:	**PER** Administrative Communications Contact

Segment: **PER** Administrative Communications Contact

Position: 470

Loop: N1

Level: Detail

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:
1   If either PER03 or PER04 is present, then the other is required.
2   If either PER05 or PER06 is present, then the other is required.
3   If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use this segment to identify points of contact within the manufacturing entity who has design control or who is manufacturing an equal or substitute line item.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	PER01	366	**Contact Function Code**	M	ID	2/2

Code identifying the major duty or responsibility of the person or group named

IC	Information Contact
ME	Manufacturing

Use this code for the manufacturing point of contact.

PP	Program Manager
SU	Supplier Contact

Use this code for the contact point for a supplier who has design control over a manufactured item.

	Ref. Des.	Data Element	Name		Attributes	
	PER02	93	**Name**	O	AN	1/35

Free-form name

Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.

	Ref. Des.	Data Element	Name		Attributes	
	PER03	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

AU	Defense Switched Network
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

	Ref. Des.	Data Element	Name		Attributes	
	PER04	364	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable

PER05	**365**	**Communication Number Qualifier**	**X**	**ID**	**2/2**

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.

AU   Defense Switched Network

EM   Electronic Mail

EX   Telephone Extension

Use only if PER03 is used citing either code AU or TE.

FX   Facsimile

IT   International Telephone

TE   Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06	**364**	**Communication Number**	**X**	**AN**	**1/80**

Complete communications number including country or area code when applicable

PER07	**365**	**Communication Number Qualifier**	**X**	**ID**	**2/2**

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

AU   Defense Switched Network

EM   Electronic Mail

EX   Telephone Extension

Use only if PER05 is used citing either code AU or TE.

FX   Facsimile

IT   International Telephone

TE   Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08	**364**	**Communication Number**	**X**	**AN**	**1/80**

Complete communications number including country or area code when applicable

PER09	**443**	**Contact Inquiry Reference**	**O**	**AN**	**1/20**

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the individual cited in PER02.

Segment: **SCH** Line Item Schedule

Position:	485
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To specify the data for scheduling a specific line-item
Syntax Notes:	1 If SCH03 is present, then SCH04 is required.
	2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
	3 If SCH09 is present, then SCH08 is required.
	4 If SCH10 is present, then SCH08 is required.
Semantic Notes:	1 SCH12 is the schedule identification.
Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	*1. Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.*
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SCH01	380	**Quantity**	M	R	1/15

Numeric value of quantity

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SCH05	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

017	Estimated Delivery
037	Ship Not Before
063	Do Not Deliver After
	Use to indicate deliveries cannot be made after a specified date and/or time.
064	Do Not Deliver Before
	Use to indicate deliveries cannot be made before a specified date and/or time.
065	1st Schedule Delivery
066	1st Schedule Ship

	069	Promised for Delivery		

Use to indicate the exact date when the offeror proposes to make delivery.

	075	Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

	078	Promised for Delivery (Week of)

When this code is used, cite the beginning date of the week.

	174	Month Ending

Use to indicate delivery is required on the last date of the specified month.

	358	Cycle Begin

Use to indicate the beginning of a delivery cycle.

	375	Delivery Start

Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.

Must Use	SCH06	373	**Date**	**M**	**DT**	**6/6**

Date (YYMMDD)

	SCH07	337	**Time**	**O**	**TM**	**4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to indicate the time for a delivery.

	SCH08	374	**Date/Time Qualifier**	**X**	**ID**	**3/3**

Code specifying type of date or time, or both date and time

	017	Estimated Delivery
	037	Ship Not Before
	063	Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

	064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

	069	Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

	075	Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

	078	Promised for Delivery (Week of)			

When this code is used, cite the beginning date of the week.

| | 174 | Month Ending |

Use to indicate delivery is required on the last date of the specified month.

| | 359 | Cycle End |

Use to indicate the end of a delivery cycle.

| | 376 | Delivery End |

Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.

SCH09	**373**	**Date**	**X**	**DT**	**6/6**

Date (YYMMDD)

SCH10	**337**	**Time**	**X**	**TM**	**4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to indicate the time for a delivery.

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
Position:	500
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2 If TD502 is present, then TD503 is required.
	3 If TD507 is present, then TD508 is required.
	4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*1. Use this 2/TD5/500 segment when the transportation method is applicable to a named entity for a specific line item.*
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD504	**91**	**Transportation Method/Type Code**	X	ID	1/2

Code specifying the method or type of transportation for the shipment

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

D Parcel Post
Use to indicate the US Postal Service and not a private carrier.
Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD512	**284**	**Service Level Code**	X	ID	2/2

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)	
Position:	520	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both	
Syntax Notes:	**1** At least one of TD401 TD402 or TD404 is required.	
	2 If TD402 is present, then TD403 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use this 2/TD4/520 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.*	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	**152**	**Special Handling Code**	X	ID	2/3

Code specifying special transportation handling instructions

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA   Dangerous
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT Less Than Truckload
PG   Poisonous Gas
PMM P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD402	**208**	**Hazardous Material Code Qualifier**	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD403	**209**	**Hazardous Material Class Code**	X	AN	2/4

Code specifying the kind of hazard for a material

Ref. Des.	Data Element	Name	Attributes		
TD404	**352**	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PKG** Marking, Packaging, Loading	
Position:	530	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	25	
Purpose:	To describe marking, packaging, loading, and unloading requirements	
Syntax Notes:	1	At least one of PKG04 PKG05 or PKG06 is required.
	2	If PKG04 is present, then PKG03 is required.
	3	If PKG05 is present, then PKG01 is required.
Semantic Notes:	1	PKG04 should be used for industry-specific packaging description codes.
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2	If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.
	4	Special marking or tagging data can be given in PKG05 (description).
Notes:		*1. Use this 2/PKG/530 segment to identify packaging requirements applicable to a named entity for a specific line item.*

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	349	**Item Description Type**	X	ID	1/1
		Code indicating the format of a description			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PKG02	753	**Packaging Characteristic Code**	O	ID	1/5
		Code specifying the marking, packaging, loading and related characteristics being described			
		Use the listed codes to identify applicable packaging requirements.			

	CD	Cleaning or Drying Procedure
	CT	Cushioning Thickness
	CUD	Cushioning and Dunnage
	HM	Hazardous Material
	IC	Intermediate Container
	LP	Level Of Preservation

		OPI	Optional Procedure Indicator			
		PK	Packing			

> *When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.*

		PM	Preservation Method
		PML	Preservation Material
		SMK	Special Marking
		UC	Unit Container
		UCL	Unit Container Level
		WM	Wrapping Material

PKG03	**559**	**Agency Qualifier Code**		**X**	**ID**	**2/2**

Code identifying the agency assigning the code values

	DF	Department of Defense (DoD)
	GS	General Services Administration (GSA)
	ZZ	Mutually Defined

> *Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.*

PKG04	**754**	**Packaging Description Code**		**X**	**AN**	**1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL -STD-2073-2C).

PKG05	**352**	**Description**		**X**	**AN**	**1/80**

A free-form description to clarify the related data elements and their content

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**LDT** Lead Time
Position:	550
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	**1** LDT04 is the effective date of lead time information.
Comments:	**1** LDT02 is the quantity of unit of time periods.
Notes:	*1. Use this 2/LDT/550 loop if the quote delivery schedule is expressed as a set time period after the occurrence of some event and the ship-to address differs by line item. If the delivery schedule is the same for all ship-to addressees for the line item, use the 2/LDT/394 loop.*

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

| Must Use | LDT01 | 345 | **Lead Time Code** | | **M** | **ID** | **2/2** |

Code indicating the time range

AA	From date of PO receipt to sample ready.	
AD	From date of sample approval to first product shipment.	
AE	From date of PO receipt to shipment.	
AF	From date of PO receipt to delivery.	
AH	From Date of Receipt of First Article to First Article Approval	
AI	From Date of a Specified Event to Delivery	
	When this code is used, identify the specified event in the following MSG segment.	
AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)	
AK	From Date Of Latest Delivery To Final Delivery	
AM	From Date Of Previous Delivery To Date Of Subsequent Delivery	
AP	From Date of Award to Midpoint of Effort	
AV	From Date of Award to Date of Latest Delivery	
AW	From Date of Award to Date of Earliest Delivery	
AX	From Date of Award to Date of Completion	
AY	From Date of Award to Date of Delivery	
AZ	From Date of Receipt of Item to Date of Approval of Item	

| Must Use | LDT02 | 380 | **Quantity** | | **M** | **R** | **1/15** |

Numeric value of quantity

| Must Use | LDT03 | 344 | **Unit of Time Period or Interval** | | **M** | **ID** | **2/2** |

Code indicating the time period or interval

CY	Calendar Year	
DA	Calendar Days	
KK	Maximum Calendar Days	
	Use to indicate a flexible time period, e.g., X number of days or less.	
MO	Month	
QY	Quarter of a Year	
SA	Semiannual	
WK	Weeks	

| | LDT04 | 373 | **Date** | | **O** | **DT** | **6/6** |

Date (YYMMDD)

Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

Segment:	**MAN** Marks and Numbers	
Position:	560	
Loop:	LDT	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To indicate identifying marks and numbers for shipping containers	
Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.
	2	If MAN06 is present, then MAN05 is required.
Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	1	When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:		*1. Use this segment to specify marks and numbers associated with a ship-to addressee.*
		2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	MAN01	88	**Marks and Numbers Qualifier**	**M**	**ID**	**1/2**
			Code specifying the application or source of Marks and Numbers (87)			
			L Line Item Only			
Must Use	MAN02	87	**Marks and Numbers**	**M**	**AN**	**1/45**
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN03	87	**Marks and Numbers**	**O**	**AN**	**1/45**
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN04	88	**Marks and Numbers Qualifier**	**X**	**ID**	**1/2**
			Code specifying the application or source of Marks and Numbers (87)			
			L Line Item Only			
	MAN05	87	**Marks and Numbers**	**X**	**AN**	**1/45**
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN06	87	**Marks and Numbers**	**O**	**AN**	**1/45**
			Marks and numbers used to identify a shipment or parts of a shipment			

Segment: **QTY** Quantity
Position: 570
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes: *1. Use this 2/QTY/570 segment to specify the quantity of an item that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.*

2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	QTY01	673	**Quantity Qualifier**	M	ID	2/2

Code specifying the type of quantity

1J	Due

Use to indicate the quantity to be delivered.

1K	Time Units

Use to indicate the length of the delivery period.

SA	Shipments

Use to indicate the number of shipments proposed to complete the deliverable quantity.

Must Use	QTY02	380	**Quantity**	M	R	1/15

Numeric value of quantity

1. When QTY01 is code 1J, cite the quantity to be delivered.

2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.

	QTY03	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

DA Days
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

MO Months
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**MSG** Message Text	
Position:	580	
Loop:	LDT	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.	
Notes:	*1. When LDT01 is code AI, use to identify the specified event.*	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	

	Segment:	**CTT** Transaction Totals
	Position:	010
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit a hash total for a specific element in the transaction set
	Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
		2 If either CTT05 or CTT06 is present, then the other is required.
	Semantic Notes:	
	Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	CTT01	354	**Number of Line Items**	M	N0	1/6

Total number of line items in the transaction set

Use to identify the total number of PO1 segments.

	Ref. Des.	Data Element	Name	Attributes		
	CTT02	347	**Hash Total**	O	R	1/10

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

This is the sum of the quantities (PO102) for all PO1 segments.

Segment: **AMT** Monetary Amount

Position:	015
Loop:	
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment to identify the total amount of the quote.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	**Amount Qualifier Code**	M ID 1/2
			Code to qualify amount	
			TT Total Transaction Amount	
			Use to indicate the total amount of the quote.	
Must Use	AMT02	782	**Monetary Amount**	M R 1/15
			Monetary amount	

Segment:	**SE** Transaction Set Trailer	
Position:	020	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SE01	96	**Number of Included Segments**	M	N0	1/10
			Total number of segments included in a transaction set including ST and SE segments			
Must Use	SE02	329	**Transaction Set Control Number**	M	AN	4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			This is the same number as appears in ST02.			